INDEX

Š. A. Alimov—I. Joó, On the convergence of eigenfunction expansions in H^s-norm 5
M. Arató, Parameter estimation and Kalman filtering in noisy background 13
H. Bercovici—C. Foiaş—C. Pearcy—B. Sz.-Nagy, Factoring compact operator-valued functions 25
P. L. Butzer—D. Schulz, An extension of the Lindeberg—Trotter operator-theoretic approach to limit theorems for dependent random varibales. I 37
C. Cecchini—D. Petz, Norm convergence of generalized martingales in L^p-spaces over von Neumann algebras 55
Z. Ciesielski, Approximation by polynomials and extension of Parseval's identity for Legendre polynomials to the L^p case 65
K. Corrádi—P. Z. Hermann, On the product of certain permutable subgroups 71
B. Csákány, Completeness in coalgebras 75
M. Csörgő—P. Révész, On the stability of the local time of a symmetric random walk 85
S. Csörgő, Rates of uniform convergence for the empirical characteristic function 97
Z. Ditzian, Rate of approximation of linear processes 103
E. Durszt, Contractions as restricted shifts 129
Z. Ésik, Homomorphically complete classes of automata with respect to the α_3-product 135
S. Fridli—V. Ivanov—P. Simon, Representation of functions in the space $\varphi(L)$ by Vilenkin series 143
S. Fridli—F. Schipp, On the everywhere divergence of Vilenkin—Fourier series 155
F. Gécseg, Metric equivalence of tree automata 163
B. Gyires, The mixture of probability distribution functions by absolutely continuous weight functions 173
L. Hatvani—J. Terjéki, Stability properties of the equilibrium under the influence of unbounded damping 187
L. Horváth, Empirical kernel transforms of parameter-estimated empirical processes 201
A. P. Huhn, On non-modular n-distributive lattices: The decision problem for identities in finite n-distributive lattices 215
I. Kátai—B. Kovács, Multiplicative functions with nearly integer values 221
L. Kérchy, Approximation and quasisimilarity 227
V. Komornik, Local upper estimates for the eigenfunctions of a linear differential operator 243
I. Kovács—W. R. McMillen, On the unitary representations of compact groups 257
Nguyen Xuan Ky, A Bohr type inequality on abstract normed linear spaces and its applications for special spaces 261
L. Leindler, Limit cases in the strong approximation of orthogonal series 269
W. Łenski, On strong approximation by logarithmic means of Fourier series 285
E. Malkowsky, Toeplitz-Kriterien für Matrizenklassen bei Räumen stark limitierbarer Folgen 297
D. M. Mason, The asymptotic distribution of generalized Rényi statistiscs 329
F. Móricz, On the $|C, \alpha>1/2, \beta>1/2|$-summability of double orthogonal series 315
B. Nagy, A local spectral theorem for closed operators 339
P. T. Nagy, Geodesics of a principal bundle with Kaluza—Klein metric 351
L. Neckermann—P. O. Runck, Über Approximationseigenschaften differenzierter Hermitescher Interpolationspolynome mit Jacobischen Abszissen 361
J. Németh, Embedding theorems and strong approximation 375
R. J. Nessel—E. van Wickeren, On the comparison of multiplier processes in Banach spaces 379
Е. М. Никишин, Об одной оценке ортогональных многочленов 395
С. М. Никольский—П. И. Лизоркин, Оценки для производных гармонических многочленов и сферических полиномов в L_p 401

H. Schwinn, On the rate of approximation by orthogonal series 417
A. Seeger—W. Trebels, Some Fourier multiplier criteria for anisotropic $H^p(R^n)$-spaces 431
J. Szabados—P. Vértesi, On the almost everywhere divergence of Lagrange interpolation on infinite interval 443
I. Szalay, On the generalized absolute Cesàro summability of double orthogonal series 451
L. A. Székely, Holiday numbers: sequences resembling to the Stirling numbers of second kind 459
F. Szigeti, Multivariable composition of Sobol'ev functions 469
J. M. Szűcs, On *G*-finite W^*-algebras 477
V. Totik, Representation of functionals via summability methods. I 483
Bibliographie 499

Bibliographie

M. A. ARMSTRONG, Basic Topology. — Differential Geometric Methods in Mathematical Physics, Proceedings, Clausthal, Germany, 1978. — Equadiff 82, Proceedings, Würzburg, 1982. — P. ERDŐS—A. HAJNAL—A. MÁTÉ—R. RADO, Combinatorial Set Theory: Partition Relations for Cardinals. — Evaluating Mathematical Programming Techniques, Proceedings, Boulder, Colorado, 1981. — E. FRIED, Abstrakte Algebra Eine elementare Einführung. — J. GLIMM—A. JAFFE, Quantum Physics: A Functional Integral Point of View. — V. GUILLEMIN—S. STERNBERG, Symplectic Techniques in Physics. — L. HENKIN—J. D. MONK—A. TARSKI—H. ANRÉKA—I. NÉMETI, Cylindric Set Algebras. — P. VAN DEN HEUVEL, The Stability of a Macroeconomic System with Quantity Constraints. — P. KELLY—G. MATTHEWS, The Non-Euclidean, Hiperbolic Plane, Its Structure and Consistency. — D. V. LINDLEY—W. F. SCOTT, New Cambridge Elementary Statistical Tables. — J. MACKI—A. STRAUSS, Introduction to Optimal Control Theory. — Measure Theory and its Applications, Proceedings, Québec, Canada, 1982. — A. B. MINGARELLI, Volterra—Stieltjes Integral Equations and Generalized Ordinary Differential Expressions. — Model Theory of Algebra and Arithmetic, Proceedings, Karpacz, Poland, 1979. — E. E. MOISE, Introductory Problem Courses in Analysis and Topology. — R. NOTTROT, Optimal Processes on Manifolds; an Application of Stokes' Theorem. — D. R. OWEN, A First Course in the Mathematical Foundations of Thermodynamics. — L. C. PICCININI— G. STAMPACCHIA—G. VIDOSSICH, Ordinary Differential Equations in $\mathbf{R}^n$. — Probability Measures on Groups, Proceedings, Oberwolfach, 1983. — W. T. REID, Sturmian Theory for Ordinary Differential Equations. — Sèminaire de Probabilités XVIII, 1982/83. — K. T. SMITH, Premier of Modern Analysis. — J. STOER—R. BULIRSCH, Introduction to Numerical Analysis. — K. R. STROMBERG, An Introduction to Classical Real Analysis. — J. SZÉP—F. FORGÓ, Einführung in die Spieltheorie. — Theory and Applications of Singular Perturbations, Proceedings, 1982. — B. L. VAN DER WAERDEN, Geometry and Algebra in Ancient Civilizations. — M. J. WYGODSKI, Höhere Mathematik griffbereit. 499—513